Business Intelligence (Fall 2018)

Instructor: **Rush, Daniel**
Subject: **ITM**
Catalog & Section: **310 2**
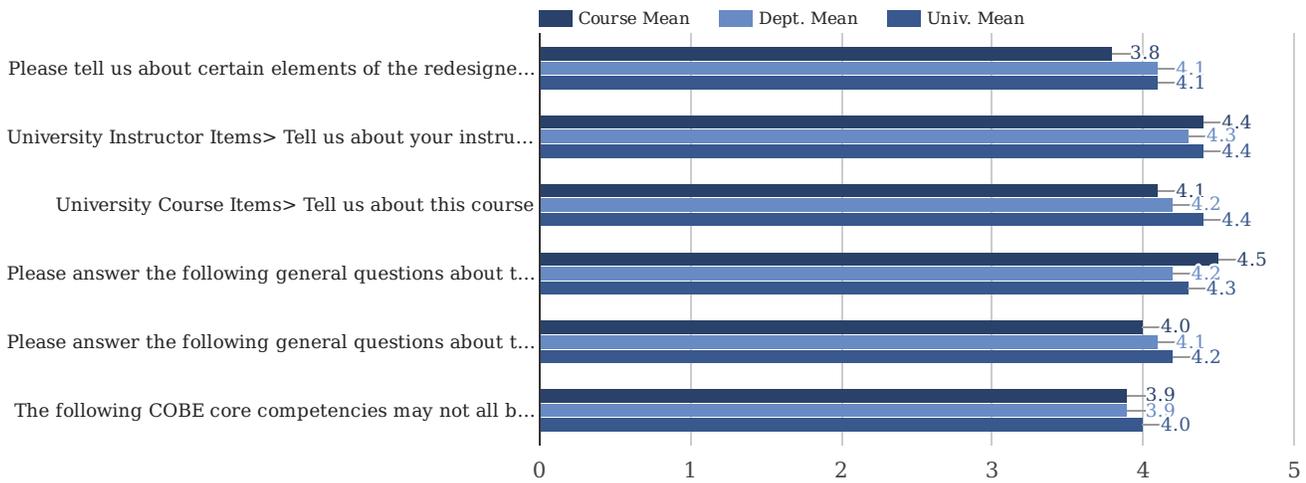
Enrollment: **42**
Responses Incl Declines: **39**
Declines: **0**

Instructions

To print or save, select View as PDF, then print or save from the PDF Viewer. ~ Results for Instructor Added Questions are found at end of report.

Core Questions

Category Summary

Please tell us about certain elements of the redesigned ITM310 course

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The readings + DSMs helped me learn and retain course concepts.	39	92%	0.9	0%	18%	15%	59%	8%	0%
I learned a great deal about enterprise information systems in organizations.	39	92%	1.0	3%	13%	23%	41%	21%	0%
I learned a great deal from the Excel pivot table and charting assignments.	39	92%	0.9	3%	3%	21%	49%	26%	0%
I learned a great deal from the Power BI data modeling (query editor) assignments.	39	92%	0.7	0%	0%	18%	49%	33%	0%
I learned a great deal from the Power BI visualization assignments.	38	90%	0.8	0%	3%	16%	50%	32%	0%
The course covered concepts and skills that will be useful in my career.	38	90%	1.1	5%	13%	11%	53%	18%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

University Instructor Items> Tell us about your instructor - Daniel Rush

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The instructor seemed prepared for class.	39	92%	0.5	0%	0%	3%	26%	72%	0%
The instructor fostered learning in this course.	39	92%	0.9	0%	10%	5%	38%	46%	0%
The assessment methods were clearly explained.	39	92%	0.8	0%	3%	15%	28%	54%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

University Course Items> Tell us about this course

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The objectives of the course were clearly explained.	36	85%	0.9	0%	8%	11%	47%	33%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

Please answer the following general questions about the instructor - Daniel Rush

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The overall teaching ability of the instructor was high.	39	92%	0.8	0%	3%	8%	28%	62%	0%
The instructor communicated high expectations.	39	92%	0.6	0%	0%	8%	41%	51%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

Please answer the following general questions about the course

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
Exams, projects and/or assignments were good measures of learning.	39	92%	1.0	3%	10%	21%	41%	26%	0%
The course was intellectually challenging.	39	92%	0.5	0%	0%	3%	54%	44%	0%
The textbook and/or other course materials aided learning.	39	92%	1.1	5%	10%	28%	28%	26%	3%
I gained factual knowledge (e.g., definitions, terms, or categories).	39	92%	0.9	0%	8%	15%	41%	36%	0%
I learned useful concepts (e.g., theories, models, or frameworks).	39	92%	0.9	0%	10%	10%	51%	28%	0%
I learned how to apply course material (e.g., methods, techniques, or procedures).	39	92%	0.9	0%	8%	8%	49%	36%	0%
I learned a great deal from this class.	39	92%	1.0	0%	15%	13%	38%	33%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

The following COBE core competencies may not all be relevant to this course. If not rate them as "N/A".

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
I improved my ability to communicate in writing.	39	92%	0.9	3%	8%	15%	49%	15%	10%
I improved my ability to communicate orally.	38	90%	1.0	3%	11%	18%	45%	11%	13%
I improved my problem solving ability.	39	92%	0.9	3%	5%	10%	51%	31%	0%
I improved my ability to make ethical choices.	39	92%	1.0	3%	5%	21%	33%	13%	26%
I improved my ability to interact effectively with others in professional settings (e.g., in teams or person to person).	39	92%	0.9	3%	3%	21%	51%	21%	3%
I improved my understanding of organizational environments (e.g., global, social, economic, or legal).	39	92%	1.0	3%	8%	13%	41%	21%	15%
I improved my ability to use technology to manage information (e.g., to access, interpret, summarize, synthesize, or convey information).	39	92%	0.8	3%	0%	8%	33%	56%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

University Course Items> Tell us about this course (70 comments)

Q: What barriers to learning, if any, did you experience in this course?

1 I think sometimes the larger projects were very hard sometimes and effected some people in the class.

2 I was a little bit lost early in the semester. Didn't understand very well what the class was really about.

3 Initially, assignments lacked detailed instructions (the first assignment with screenshots). Making that more detailed like the other PowerBI assignments would've been more helpful.

4 Not having much previous knowledge to excel or power BI

5 One small thing that confused me a bit when I first started the course was having assignments on both the week it's due and the prior week. I sometimes thought I had to do more than I actually had to do. Otherwise, this course is very well laid out and Dan teaches well.

6 Cant use a mac

7 None

8 None

9 Personally didn't learn well by the in class instruction.

10 The instructor sometimes assumed everyone knew the system as well as he did and went through the examples very close. So, I was not able to follow the steps taken to get to the point the instructor got, I would just give up.

11 I struggled with the hybrid learning mehtod.

12 The professor made homework assignments due Saturday evening. The Power BI assignments were time consuming and not pertinent to anything. Use systems that were available on both Mac and PC systems.

13 The textbooks. They were definitely sub-par.

14 na

15 Lectures although very organized were confusing when it came to taking away the important class objectives. Not enough conversational aspects to aid learning concepts.

16 None

17 I didn't experience any barriers to learning.

18 I have a Mac, needed to go to the ITM lab or a pc computer to use the Power BI desktop

19 The way the final project was introduced was very hazy to me. I didn't understand it very well until breaking it down with my team. I also did not think that I learned how to interpret data, as much as just making data look nice. I would focus more on learning interpretation. Because the final project was all about the interpretation.

20 Just getting used to Power BI

21 I did not experience any barriers.

22 None

23 Explanations were vague sometimes, going to class didn't really teach me anything.

24 No Barriers, just not interested in material

25 n/a

26 My group was a bit hard to work with for the group project-- but thats not really something that can be controlled in a course-- more the luck of the draw.

27 The speed of in-class lectures. I am fairly tech-savvy and I struggled to keep up with your lectures. Maybe express that the hybrid course moves very quickly.

28 All???? Terrible class, left more confused every time than when I got there. Really made me feel like I only had 4 brain cells???

29 The assignments are very difficult

30 Not enough prior knowledge or experience with quieries. I took ITM 106 during ITM 310. I wish 106 was a prereq to 310. I saw similar concepts between the two courses.

31 I was never acquainted enough with the program to understand how to use it, and I didn't have enough instruction to understand how to complete assignments.

32 Some due dates were unclear

33 instructions weren't always clear on assignments

34 I have mac and so I had to do a lot of homework on other peoples laptops.

Q: Which aspects of this course were most valuable to your overall learning experience?

1   Going to class helped the most. That is where I would learn.

2   Practicing with Excel and Power BI

3   PowerBI assignments were interesting and extremely helpful. I had never used/heard of this application and find it to be very useful.

4   The professor was very willing to help over email, within class, and office hours and gave helpful advice. He wanted to see his students succeed and understand the material.

5   Allowing for student to use a note sheet on the exams. I am not much of a studier, but allowing us to use a note sheet forced me to review everything. It was probably the aspect that made me retain more information than any other aspect. The funny thing is, after making an amazing note sheet that included everything from the chapters, I barely even used it on the exam.

6   Power Bi

7   Becoming more familiar with Excel and learning how to use Power BI

8   Working with Power BI in a way where I could learn and make mistakes with out being docked.

9   The most of the Engage assignments were a good way to introduce a topic.

10 Some of the assignments had examples of what the answer should look similar to and this really helped me. It allowed me to make sure I was on the right track.

11 The power bi visualizations are very helpful.

12 Learning Power BI and Pivot Tables was probably most valuable to me.

13 excel projects

14 Creating visualizations, working with Power BI, and analyzing data in Excel.

15 learning how to use programs such as PowerBI and advancing my abilities in Excel.

16 The instructions for all of the assignments were very well worded and easy to follow along. I never was confused on what to do/how to complete an assignment.

17 The experience with using programs that I may use working for future companies

18 The long step by step assignments

19 The DSM's were very valuable. I learned the most through that. The worksheets with Power BI, that walked through every step were the best learning tool for me. With the pictures and illustrations, I found it super informative and helpful to understanding the whole thing.

20 Desktop application practice

21 The different assignments helped me learn more about excel and the other programs we used.

22 The engage activities and the quizzes

23 Power Bi and Pivot Table analysis.

24 Power BI

25 I feel like Power BI helped me become slightly more comfortable with coding (what little we did with it) and forming and interpreting graphs and tables.

26 n/a

27 Visualizations with Power Bi. I will most definitely use this in the future and have already introduced the program to my Dad for his projects at work.

28 Power BI is fun :,)

29 The in class assignments

30 The homework assignments in the database programs and learning how to run queries and build relationship tables.

31 Completing the small assignments in power BI.

32 Working directly with Power BI

33 The projects were most valuable to my experience.

34 Understanding of a new softeware and its business aplications

35 The tutoring lab really helped

36 N/a

Please tell us about certain elements of the redesigned ITM310 course (107 comments)

Q: To improve the course, what are 2-3 things you would drop or do less of?

1 1. More group projects
   2. Do not have the projects due on Saturday, maybe make them due on sunday.

2 The early part of the semester felt a little bit unorganized in that the subject matter was changing a lot, so maybe do less of the book work and more hands on work.

3 I would drop quizzes that don't allow multiple attempts (aka, allow all online quizzes to have multiple attempts). I retained answers to those that I was able to correct and aided in understand what I got wrong. I would advise doing less lecturing and more interactive things, like walking us through PowerBI assignments, showing different features instead of simply talking about them.

4 I think I being it is a hybrid class I would make the power points be what we do on our own so do less of that and do more excel and power BI learning in class because I had to essentially teach myself the programs in order to do the projects but if we had more prior knowledge the projects would have been easier initially.

5 1. I would either drop the group portion of the final project, or familiarize group members in a more timely manner. It was incredibly difficult to sync schedules and work in an effective manner with only two weeks notice of group members.
   2. Sometimes the Engage assignments felt forced and unnecessary.

6 The final project instructions are very weak.

7 I would do less projects and drop assignments from being due on saturdays

8 Class and Professor was amazing!

9 Assignments being due on Saturday Night!

   Due dates of module assignments. (Instead of Due Monday, put Due 12/12/12)

10 The pivot tables because we moved on and never used them again.
    Slow down when demonstrating Power BI.

11 Not so much information on the projects. and date each blackboard item instead of listing next monday/saturday. It can get confusing.

12 Drop the professor. Drop homework due on Saturday nights. Less reading quizzes. Notify the students that is a mixed class (online and in-class) before the first day of class.

13 I would drop a few reading quizzes. I get that he wanted to try to incorporate books, but his knowledge and teaching ability was able to do better than a book can.

14 na

15 Engage assignments were not beneficial often times, just easy points to get. Additionally, the Saturday assignments I would do less of.

16 no group project, less lecturing

17 I can't think of anything that should be dropped or done less of. The engage assignments gave me an incentive to come to class and the reading quizzes made me read the material. The assignments and quizzes helped me for future projects or tests so I thought everything was important and added to the class.

18 The Camoes assignments, not so many excel projects

19 Engage assignments

20 I would do less of the excel pivot table analysis, I would lump it together in fewer assignments.
I would do less of the readings on the charts and how they should look, and instead walk through it more in class.

21 I honestly can think of anything that I would do less, I think that most of the applications used were overall beneficial to my learning.

22 If things had to be dropped, I would choose either the in class assignments or some of the quizzes.

23 I would drop some of the my Pearson lab assignments. I would also drop the individual portion of the final project and make the whole group do that together.

24 Drop the Engage Assignments, and less work. Extremely heavy workload.

25 Less time consuming assignments, less more than one answer quiz questions

26 n/a

27 I would do more visual assignments, because I learn best this way, I have a hard time retaining information via a textbook.

28 The excel assignments for finding tools in excel. I retained very little from the guided program. I felt confused doing the assignment and don't remember how to perform most of those functions.

29 1. Should not be a required class for every business major
2. Less vague study guides, soooo much useless material that I studied for
3. SLOW DOWN!!!! No one is saying anything when you ask a question because no one understands what is going on.

30 Make assignments due on one or two days out of the week. Not all throughout the week.

31 N/A

32 The long assignments- they were too difficult to complete alone and in the time frame given. I would have rather had short assignments where I learned more about the program.

33 In Blackboard modules, please put the due dates instead of "Due Friday, Due NEXT Friday, etc."
Please be sure quizzes are available in Blackboard announcements at least a week before the due date: I've missed a few quizzes because some were announced and others were not.

34 I feel like the first month of the course was less valuable to me and I felt lost until the projects ramped up because then I was able to practice and understand.

35 Less quizes and less assignments due on a saturday

36 Power BI, since a lot students use mac computers we should move to programs that we all can do on our own.

Q: To improve the course what are 2-3 things you would add or do more of?

1 I would make this a 2 day a week class because I think this class needs more teaching on things such as PowerBI.

2 More practice with the programs, less reading.

3 I would do more interactive activities and more quizzes (that allow multiple attempts) because those help to learn information/content as well as serve as good study aids.

4 I would like to see more knowledge on excel and power BI understanding whether that be mini in class assignments or ones where we follow along with the professor

5 1. More in-class examples and hands on work.
2. I know this is a tall task, but try to find a way to get more students involved in class discussions. There was like two students who always answered and the rest of the students just sat there.

6 More intuitive with the class and get the whole class involved

7 I would add more in class work with other students and more practice assignments.

8 Amazing!

9 More activities or assignments with the final phase, visualisation.

More Power BI work, and explanation before the final project.

How to interpret and analyse data.

10   Start the course with Power BI so students can learn to work with it all year.

11   I would add more enraging activities during the lecture. or give time to write notes.

12   In-class handouts of portions of the textbook to get quizzed over instead of entire chapters. The books were not organized in a student-friendly way.

13   Give specific flaws for the Power BI project so its less time consuming (took me 14 hours instead of 8 like it said)

14   To improve the course instead of doing so many different assignments I would have the Saturday Power BI assignments and others build on each other instead of the random ones.

15   more in-class assignments as opposed to lecturing, more in-class examples of how to work with programs and such.

16   I wouldn't add anything more to the class. This class was a great balance of how much homework we would have and how much studying we had to do for a 300 level class.

17   I would add more Power BI

18   I would add more interpretation of data teaching.
I would introduce the Contoso Dictionary earlier, with the data, so that students could become familiar before the project if they want.

19   Perhaps spend more time on Power BI and explore different fields of IT (for those curious about what careers are offered).

20   I would recommend more simple assignments versus just a few assignments that are harder.

21   I would like to add more tutorials or time to understand the assignments in class.

22   Make it strictly online. Add more projects and limit tests and quizzes

23   In class tutor, study guides per unit

24   n/a

25   I would do more visual assignments, because I learn best this way, I have a hard time retaining information via a textbook.

26   Please spend more time with Power Bi. I found this program to be incredibly interesting, but I felt overwhelmed with it in class. Since the class is limited on time, rushing through the examples made it impossible to keep up with your speed.

27   1. Shouldn't be a hybrid course, it should either be all online or all in person.
2. Release correct quiz/test answers. Would help A TON with the tests.
3. Put actual due dates!!!!! Not just "next Saturday". Can't expect us to not be lazy if our professor is too lazy to put a due date on an assignment.

28   Make all quizzes have the ability to take multiple times

29   A little longer in class engage activites centered around homework assignments. I felt a little disconnect at times between class and homework assignments- more of me forgetting.

30   Explanations and in class examples.

31   Continue using Power BI and teaching the way you do. I appreciate your understanding for technological difficulties and professional teaching style.

32   I would make the beginning more of a time to slowly teach and introduce the material to students who may be unfamiliar with all of the different functions.

33   Make assignments due friday or the following monday

34   Add more descriptions.

Q: Please provide a twitter length description of this course (Maximum 140 characters)

1   This class is to help you better understand PowerBI and Excel Pivot Tables. The class is mainly focused on PowerBI and all that is in it.

2   This class felt like a background course this semester due to my workload consisting of important classes to my major, but I still learned a good amount.

3   This hybrid course incorporates both text book learning as well as MS application practice to foster an understanding of business intelligence on the base level

4   This class was meant to teach us the visualization side of business analytics and how to use data to create useful graphs that allow businesses to make better decisions

5   This class taught the fundamentals of various Information Technology topics enterprise systems and Power BI. The course is work heavy, but if you actually do the work, you will get a good grade and learn many practical career skills.

6   Its necessary to take for a business major, yet you learn a lot. Just wish there was clearer instructions and less notes. Also the homework and the tests have very little correlation.

7	A great way to get into the beginning of Information technology and learn it's unique utilization for business success
8	Well, I don't have twitter but this class teaches you tools that actually help in real world aspects.
9	ITM 310 a class where one will get a basic understanding of how information and technology work within the world of business.
10	This course was made to teach how to analyze data, but at some points I did not understand what was happening, I just followed the step by step instructions.
11	This course so for someone who is able to give lots of time out of class for this course.
12	This class was disruptive to my semester. It consisted of learning basic functions that we should have already learned; not a required course. The professor is passionate about the class - almost so much so that the class became unenjoyable. By far, this was the worst class I've had at Boise State.
13	This class is definitely not easy. You will be introduced to new data extracting methods and programs. Your mind will be challenged to keep up with the program as it is not intuitive. However, once you put in the work to learn said program you will be able to uncover data in a quick and effective manner.
14	Learning how to examine and interpret data through words and graphs
15	ITM 310 is a class that focused deeply on database technology. Through Excel and Power BI you learn how to analyze data at a deeper level and are able to fully understand the given information. Additionally, there is a big focus on composing visualizations to help interpret data.
16	This course was designed to educate students on business intelligence and advance their abilities in complex, but important programs
17	This class teaches you how to use Excel and Power Bi and apply these programs to be useful and effective in a future profession.
18	Solid workload, valuable application experience (excel, power BI), less valuable textbook concepts
19	Brief refresher of old topics, then dive into power BI
20	A deeper understanding of how to use data to make and interpret illustrations is what you will learn.
21	Helps you become accustomed to relevant desktop applications used in many business settings
22	This course helps develop skills in excel and other data programs. You will learn how to interpret data and showcase it for others to understand.
23	This course focuses on information systems and how to share your data effectively
24	This course taught me a lot about how much I dislike ITM, although it was cool to analyze data at times, this will not be something I'd do for the rest of my life.
25	If you don't have a Word computer, good luck in the Lib
26	This course was, in my opinion, very useful and informative. The way it was taught throughout the semester made it easy to learn the material. It made me more excited for my degree.
27	n/a
28	Arguably the most important course for business students. This course explores the power of data in today's business environment by using tools such as Excel and Power Bi for analysis.
29	0/10 would recommend. Teaches the class like everyone is already a pro at everything (incorrect). Cried doing every assignment. He was funny tho, made me laugh even though I wanted to cry 99% of the time from how rough the course content was :,)!
30	This course covers functions of excel and power bi that will help you analyze data.
31	Very good informative class. Well structured and taught. Teacher is very approachable and is willing to help as able to.
32	The instructor cares about the course and students, but the material seems irrelevant to my career path and grasping the concepts won't happen for most people.
33	This course will teach you about understanding data and how to turn the data into something others can easily interpret.
34	This course is taught by an enthusiastic professor who fosters learning and guides students through the often complicated world of ITM.
35	Business application of new skills in microsoft excel and introduction into power bi data and visuals
36	Being a business major and taking ITM 310 is like your family. You dont get to pick em, you're stuck with em
37	This course is self-guided for the most part, class is crucial and only once a week.

Instructor Added Questions

Quantitative Questions

No Data.